



City of  
**Peterborough**

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**TO:** Members of the Waste Management Steering Committee

**FROM:** W.H. Jackson, Director of Utility Services

**MEETING DATE:** January 23, 2012

**SUBJECT:** Report WMC12-003  
2012 County/City Landfill Capital and Operating Budget

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## **PURPOSE**

A report to inform the Committee of the 2012 County/City Landfill Capital and Operating Budget.

## **RECOMMENDATION**

That the Waste Management Committee endorse the recommendation as outlined in Report WMC12-003 dated January 23, 2012, of the Director of Utility Services as follows:

That Report WMC12-003 informing Committee of the 2012 County/City Landfill Capital and Operating Budget be received for information.

## **BUDGET AND FINANCIAL IMPLICATIONS**

There are no budget or financial implications as a result of this report.

## BACKGROUND

City Council, at its meeting of December 12, 2011 adopted the proposed 2012 Capital Budget and deferred the 2012 Operating Budget until 2012.

For the Waste Management Steering Committee's information attached are copies of the approved 2012 Capital Budget and the proposed 2012 Operating Budget for the County/City Landfill.

Submitted by,



W. H. Jackson  
Director, Utility Services

Attachment: City of Peterborough 2012 Capital and Operating Budgets

Contact Name:

W. H. Jackson, P. Eng.  
Director, Utility Services  
Phone: 705-742-7777 Ext. 1894  
Fax: 705-876-4621  
E-Mail: [wjackson@peterborough.ca](mailto:wjackson@peterborough.ca)

**2012-2021 CAPITAL BUDGET JUSTIFICATION  
TANGIBLE CAPITAL ASSETS**

Department: UTILITY SERVICES

Division: WASTE MANAGEMENT

Budget Reference #: 5-10-01

**Project Name & Description**

Peterborough Waste Management Facility

**Project Detail, Justification & Reference Map**

The North Fill Area was constructed and started receiving waste in September 2010. Additional monitoring will be established along the newly created perimeter boundaries.

**Commitments Made**

The City and the County entered into an agreement July 1, 2002 to jointly own and operate the Peterborough Waste Management Facility and share all cost and revenues on a 50-50 basis.

The South Fill Area landfill is expected to reach capacity early in 2012. Once final contours have been met the cell will be capped and closed as per the SFA closure plan. Once closed, the site will be seeded and landscaped in a natural state.

**Effects on Future Operating Budgets**

The operating budget includes a "Landfill Operations" activity that captures ongoing operating costs associated with the site and tipping fee revenues all of which are cost shared 50-50 with the County.

With the formalization of the PUJ/City/County Landfill Gas Utilization Agreement and the approval by Ontario Power Authority, design and construction of the facility is ongoing with commissioning expected in 2012.

The waste disposal capacity and annual fill rates are based on best estimates and will be refined annually.

The County of Peterborough is leading the capital work on the widening of Bensford Road from Neal Drive to County Road 2 to bring it up to the 100-foot County road allowance standard. The road widening is a requirement of the expanded landfill site, and must be completed one year following receipt of waste in the North Fill Area.

Asset Description	Qty	Sub-Class 1	Sub-Class 2	Sub-Class 3	Acquis/ Compl date (yyyy/mm)	In-service date (yyyy/mm)	City Portion of Cost
South Fill Area		Land	Landfill Site	Post Closure Care	2012/12		\$136,000
South Fill Area				Certificate of Approval	2012/12		\$7,500
North Fill Area		Linear Asset	Gas Collection System	Certificate of Approval	2012/12		\$7,500
Gas Collection System		Land Improvement	Land Improvement	Collection - methane gas	2012/12		\$75,000
Cell Development		Land Improvement	Landscaping	Hydro & Paving of entrance	2012/12		\$60,000
Landscaping				Wood	2012/12		\$35,000

# City of Peterborough

## Tangible Capital Assets Ten Year Capital Budget Estimates

2012-2021 & Subsequent Years  
(\$000's)

DEPARTMENT DIVISION/ACTIVITY PROJECT DESCRIPTION PROJECT #	Utility Services Department Waste Management Peterborough Landfill Site 3 13 91	Project Total	Approved Pre-2012	REQUESTED													
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 to 2036			
<b>SOUTH HILL AREA</b>																	
BENEFIT RD & RECONSTRUCTION																	
LANDFILL GAS CREDITS		-288.3	-288.3														
GAS COLLECTOR COLLECTION SYSTEM		200.0	200.0														
RELOCATE LANDFILL GAS CONTROL SYSTEM																	
RELOCATE OPERATIONS AREA (Office, Scales, Drop c		2,191.6	2,191.6														
WEIGH SCALE & SCALE HOUSE		451.9	451.9	15.0													
CONSULTING FEES		775.0	760.0														
EQUIPMENT PURCHASE		40.0	40.0														
CELL PREPARATION REFORMER ACTIVE AREA		2,150.0	2,150.0														
ALLOW FOR REHAB & SLEEP REPAIR		175.0	175.0														
LANDSCAPING		70.0	70.0														
CONTRIBUTION TO SEA POST CLOSURE COSTS		707.6	707.6														
CLOSURE COSTS		422.5	422.5														
POST CLOSURE COSTS		8,569.0	197.6	272.0	270.2	284.0	291.2	297.9	287.4	301.4	353.7						6,085.0
<b>NORTH HILL AREA</b>																	
CERTIFICATES & APPROVALS		75.0	50.0	15.0													
LAND PURCHASES		1,000.0	1,000.0														
LANDSCAPING		770.0	140.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GAS COLLECTION SYSTEM		1,025.0	275.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
CONSULTING FEES		1,500.0	600.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CELL DEVELOPMENT		16,731.3	2,623.8	120.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0	3,300.0
PROPERTY DEMOLITION		400.0	400.0														
STEERING COMMITTEE SITE SELECTION COST		5,356.4	400.0														
<b>DIRECT REVENUE</b>		42,322.0	12,176.7	942.0	498.2	4,104.6	511.2	517.9	3,802.4	521.4	573.7	3,520.0					
OTHER - County of Peterborough 50.00%		21,161.2	6,088.4	321.0	249.1	2,052.3	255.0	259.0	1,903.7	250.7	286.9	1,760.0					
North Area only																	
<b>NET REQUIREMENTS</b>		21,161.2	6,088.4	321.0	249.1	2,052.3	255.0	259.0	1,903.7	250.7	286.9	1,760.0					
To be financed from		21,160.8	6,088.3	321.0	249.1	2,052.3	255.0	258.9	1,903.7	250.7	286.8	1,760.0					
DEBENTURES																	
OWNERS' SHARE																	
CITY'S - TAX SUPPORTED																	
CITY'S - SEMI-ANNUAL SURCHARGE																	
CITY'S - WARR																	
Subtotal debentures																	
DEV CHGRS FUND - Eng		20,839.8	6,088.3		249.1	2,052.3	255.0	259.0	1,903.7	250.7	286.8	1,760.0					
OTHER REVENUE - Waste Management Reserve Fund																	
<b>CAPITAL LEVY</b>		321.0		321.0	249.1	2,052.3	255.0	259.0	1,903.7	250.7	286.9	1,760.0					7,724.4

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## 2012 Operating Budget

### Landfill Operations Division Summary

Description	2011 Approved	2011 Preliminary Actual	Over (Under) 2011 Budget %	Over (Under) 2011 Budget \$	2012 Requested	2012 Recommended	2012 Approved	Variances 2011 - 2012 Budget	
								Over (Under) 2011 Budget %	Over (Under) 2011 Budget \$
<b>Landfill Operations Summary Expenses</b>									
Personnel	216,904	216,904	0.00%	0	219,053	223,231	223,231	2.90%	6,327
Contractual	1,807,322	1,893,322	4.76%	86,000	1,998,199	1,998,409	1,998,409	10.60%	191,087
Materials	29,325	27,850	-5.03%	(1,475)	27,850	27,850	27,850	-5.00%	(1,475)
Fees	602,128	614,828	2.11%	12,700	602,128	603,411	603,411	0.20%	1,283
Equipment	1,500	500	-66.67%	(1,000)	500	500	500	-66.70%	(1,000)
Rentals	20,000	18,600	-7.00%	(1,400)	18,500	18,500	18,500	-7.50%	(1,500)
Training & Development	2,800	3,000	7.14%	200	4,600	4,600	4,600	64.30%	1,800
<b>Total Expenses</b>	<b>2,679,979</b>	<b>2,775,004</b>	<b>3.55%</b>	<b>95,025</b>	<b>2,870,830</b>	<b>2,876,501</b>	<b>2,876,501</b>	<b>7.30%</b>	<b>196,522</b>
<b>Revenues</b>									
Gross Tipping Fee Revenues	0	0	0.00%	0	0	0	0	0.00%	0
Net County Share of Landfill	(1,256,490)	(1,313,502)	-4.50%	(57,012)	(1,351,915)	(1,354,751)	(1,354,751)	-7.80%	(98,261)
Provincial and Industry Grants	(32,000)	(12,000)	62.50%	20,000	(32,000)	(32,000)	(32,000)	0.00%	0
Sewer Surcharge Revenue	0	0	0.00%	0	0	(65,000)	(65,000)	0.00%	(65,000)
Other Revenue	(135,000)	(136,000)	-0.70%	(1,000)	(135,000)	(135,000)	(135,000)	0.00%	0
<b>Total Revenue</b>	<b>(1,423,490)</b>	<b>(1,461,502)</b>	<b>-2.67%</b>	<b>(38,012)</b>	<b>(1,518,915)</b>	<b>(1,586,751)</b>	<b>(1,586,751)</b>	<b>-11.50%</b>	<b>(163,261)</b>
<b>NET REQUIREMENT</b>	<b>1,256,489</b>	<b>1,313,502</b>	<b>4.5%</b>	<b>57,013</b>	<b>1,351,915</b>	<b>1,289,750</b>	<b>1,289,750</b>	<b>2.60%</b>	<b>33,261</b>